

## 'Record' Advertising Costs Nothing.

It pays for itself. The investment is sure of returns. Get our rates.

# The Record.

## Muhlenberg County

is rich in coal, iron, timber, potter's clay, etc., and the most inviting field in Kentucky for investment of capital and pluck.

VOL. XV. NO. 45.

GREENVILLE, KY., THURSDAY, DECEMBER 18, 1913.

50c. PER YEAR, IN ADVANCE.

## ROAD BUILDING

### COST OF ROAD MAINTENANCE

Test in Southeastern Nebraska Shows Satisfactory Work Can Be Done for Less Than \$10 Per Mile.

(By C. F. CHASE, North Dakota Agricultural College.)

At the home farm in southeastern Nebraska there is a stretch of land one-half mile in length that we have dragged for seven years. Only once during this period has this road been worked with anything but a drag. Two years ago the side ditches were cleaned with the common road grader.

A careful record of the time taken to drag this road has been kept. Two trips for one man and one team requiring one hour's time for a single dragging is the basis taken. The first year we dragged it 15 times, the second 13, the third 17, and the fourth 12, and the fifth 14 times or 71 draggings of one hour's time in five years. This is 30 cents an hour for a man and team is \$4.26 a year for the one-half mile. For a mile it would be \$8.52 annually. Another road in the immediate vicinity cost less than \$10 per mile annually. A case is noted in Public Roads Bulletin No. 48, United States department of agriculture, where the cost of similar maintenance of roads in Arkansas was \$11 per mile. State Engineer Gearhart of Kansas puts the range of cost for dragging at from \$4 to \$10.

The cost for North Dakota should not cost more than \$10 a mile, while in most cases it would be much less, the cost depending upon the character of the soil, the rainfall, traffic and grade. As an average for all dirt roads I would place the annual cost of maintenance at \$7.50 per mile or \$460,740 to drag in a satisfactory manner the roads in North Dakota one year.

The total expenditure on public roads of North Dakota outside of towns in 1911 was \$691,540. If properly organized, and if the people were educated, we could properly maintain our earth road with the present road funds and have \$230,800 left for bridges, new construction, etc.

The national office of public roads recommends the patrol system combining dragging. The Nebraska legislature passed a law that is not unlike the patrol system. The substance of the law is as follows:

Dragged roads in each county are to be divided into road dragging districts by the county boards. One person to each township is to be appointed superintendent of dragging, and is to receive not more than \$2.50 per day.

Roads shall be dragged whenever necessary, and all the sections of the highway shall be dragged at once. County boards may levy a tax of not to exceed one mill for road dragging. Where four horses are used on an eight-foot drag, the rate of payment is 75 cents for each mile of highway dragged both ways. Where a seven-foot drag and two or three horses are used, 60 cents is the prescribed rate.

On rocky highways or stretches of road that cannot be improved by dragging the county boards are not required to put the act into effect.

### EXHIBITION OF ROAD MODELS

Greatest Display Ever Shown in Any Part of World Will Be Seen at San Francisco in 1915.

Arrangements are to be made by the United States department of agriculture, through Logan Waller Page, director of the office of public roads, to place on exhibition in 1915 the greatest collection of road models ever displayed in any part of the world. The models will furnish exact duplicates of the old Roman roads, French roads, and all of the various types of modern roads, together with miniature models of road machinery operated by electricity.

The office of public roads made an exhibit of road models for the first time at the Alaska-Yukon-Pacific exposition. The aim was to put on view such striking examples in miniature of road models that visitors would not only appreciate the beneficent effects of improved highways, but would at the same time be able to understand the methods of their construction.

Since the Alaska-Yukon-Pacific exposition closed, the exhibition has been displayed at various other expositions and fairs. Since that time the collection has been greatly augmented, until every single type of road is now represented and every known device used in the making of roads has been reproduced in miniature.

As a result of the instruction furnished by these road models, many farmers have joined forces to improve their own highways, and the road building movement has had a great impetus.

### Must Be Paid for.

If we are to have good roads, we must be willing to pay for them and we must be willing to pay for their maintenance, and also remember that the maintenance is of as great if not greater importance than the original construction.

New Paris Pavement. More durable and elastic than ordinary macadam is said to be a new pavement laid in Paris with a bottom layer of concrete, an intermediate one of concrete mortar reinforced with iron rods and a surfacing of crushed stone and mortar.

## POULTRY

### CLOSET IS OF NO ADVANTAGE

Actual Test Demonstrates Poultry Do Better Without Curtain—Found to Be Unnecessary.

In the curtain-front type of poultry-house used at the Maine experiment station a feature of the original plan on which considerable stress was laid was the canvas curtain in front of the roosts.

This curtain, together with the back wall of the house and the droppings board under the roosts formed a closet in which the birds were shut up at night during cold weather. When the curtain front house was first devised it was thought essential to provide such a closet to conserve the body heat of the birds during the cold nights when the temperature might go well below zero. Experience has shown, however, that this was a mistake. Actual test shows that the roosting closet is of no advantage, even in such a severe climate as that of Orono. On the contrary, the birds certainly thrive better without the roost curtain than with it. It has been a general observation among users of the curtain-front type of house that when the roost curtains are used the birds are particularly susceptible to colds. It is not hard to understand why this should be so. The air in a roosting closet when it is opened in the morning is plainly bad. The fact that it is warm in no way offsets physiologically the evils of its lack of oxygen and excess of carbon dioxide, ammonia vapors and other exhalations from the bodies of the birds.

For some time past it has been felt that the roosting closet was at least unnecessary, if not in fact a positive evil, says a writer in the Baltimore American. Consequently the time of beginning to close the roost curtain in the fall has been each year longer delayed. Finally, in the fall of 1910, it was decided not to use these curtains at all during the winter. Consequently they were taken out of the house, or spiked to the roof, as the case might be. The winter of 1910-11 was a severe one. On several occasions the temperature dropped to 30 degrees below zero. Yet during this winter the mortality was exceptionally low and the egg production exceptionally high.

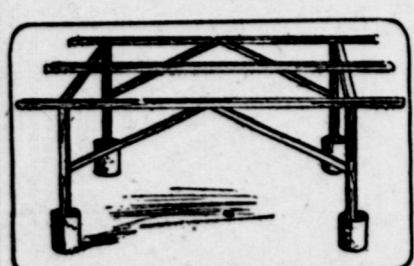
In view of this experience the station has decided to discontinue the use of the roost curtain. It would seem to be generally understood or at least unnecessary.

MAKING ROOSTS MITE-PROOF. Uprights Set in Quart Cans of Water With Kerosene on Top Prevents Progress of Parasites.

(By L. H. COBB, in the Farm and Fireside.)

Anyone who has tried to clean out the mites from roosts that are built in to the hen-house will appreciate the simple plan given below. I make my sets of roosts six feet high, with three

two-by-two-inch roosts. The uprights are set in quart cans of water with a half inch of kerosene on top. Mites cannot get on this roost unless carried there by the hens, and it can be easily taken through any door and cleaned.



Mite-Proof Roosts.

two-by-two-inch roosts. The uprights are set in quart cans of water with a half inch of kerosene on top. Mites cannot get on this roost unless carried there by the hens, and it can be easily taken through any door and cleaned.

## POULTRY NOTES

It takes 28 days for a duck egg to hatch.

Do not disregard breeds and keep anything that is a fowl.

The merits of the scratching shed are shown during bad weather.

No one farm is large enough for more than one variety of fowls.

Pay well for a well-bred male, but do not accept a scrub as a gift.

Have a clean, warm, dry place with straw or litter for the roosting quarters.

The average farmer who grows large crops of grain on his farm is the poorest feeder.

Coarse sand and gravel will reduce the amount of grit needed by the fowls, but cannot take its place.

The ducklings will grow so large in ten days that the chicken hen cannot hover a dozen—then you may as well if you can put two or three broods with one hen.

Keep plenty of water before the ducks. Sudden death among the ducks can often be attributed to a lack of water.

## LIVE STOCK

### MARKETING OF LAMB CROP

Particular Attention Should Be Devoted to Task of Getting Animals in Proper Condition.

Every flock owner should devote particular attention to the handling of his flock in such manner that his crop of lambs will be in proper condition to market when the price is right to sell.

The increasing demand for fancy mutton at times during the year has given flock owners a much better opportunity to sell their lambs when prices are on a higher level than during the ordinary season.

The man with a flock of high-class mutton sheep has a field of operation all his own. Today there is a steady demand for all the lambs he can produce at any season of the year and at prices that insure a fair margin of profit.

It is simply a matter of having his lambs in good condition when the markets are not overloaded with the products from the large feed lots. In



Prize Dorset.

close proximity to the large cities in the eastern states there is a profitable field for the winter lamb business.

This is a branch of the sheep business that can never suffer because of competition with the large feed lots. The consumers of this class of fancy mutton are the rich people who have money to pay for any article that pleases their palates and who will never accept the feed lot lamb as a substitute for the tender, juicy and palatable lamb that possesses superior qualities.

Another branch of mutton growing that perhaps is better adapted to the average farmer is that of maturing spring lambs for the market. Such lambs are ready for market shortly after the winter lambs are sold. As a general rule such lambs bring more money than those that are held back and finished along toward autumn.

### MAKING PROFIT IN TANKAGE

Article Is Becoming More and More Popular as Nitrogenous Supplement to Corn in Feeding.

Tankage is becoming more and more popular as a nitrogenous supplement to corn in pork making, says the National Stockman. This is especially true in the middle west, where the packers have pushed its sale. No doubt exists as to its value. At the Ohio experiment station Professor Carmichael placed one 100-pound pig with each two steers being fed corn. The pigs found a full feed of corn in the droppings from the steers. One half of the pigs were fed in addition to the corn one-third pound each of tankage per day. The increased gains over the pigs fed no tankage amounted to 162 pounds for each 100 pounds of tankage fed. At present prices of hogs this means a big profit on tankage fed. Tankage contains about 5 per cent. crude protein and should be bought now for about \$10 per ton.

## LIVE STOCK NOTES

Clover is the best all-round hay for sheep.

There is no profit in killing a pig before it is fit.

Overfleshy sheep are not the best for breeding purposes.

Bring the hogs in from the yards save on warm, sunny days.

Many horses are permanently injured by having all the hay they eat.

Some one has very properly called the sheep the animal with the golden hoof.

Give the ram about one pound of bran daily with all the green food he can eat.

It is cruel to compel active farm horses to go for weeks in the winter without exercise.

It never pays to breed a poor sheep no matter how good a sire you have bred up, not down.

Keep the brood sows and the young pigs selected for breeders separate from the fattening stock.

### PLEASURE IN KEEPING BEES

No More Interesting or Profitable Business Connected With Farm—Best Keepers Are Women.

(By C. M. BENTLEY.)

As a side line, considering the expense of installation, there is no more interesting and profitable business than beekeeping. Not only is this true for the fruitgrower and farmer, but to the residents of cities, those in mercantile and professional lines. Some of the best beekeepers are women. True it is that time and attention and preliminary knowledge are necessary; but experience will be gained rapidly when the living bees are studied in connection with printed instructions. A visit to an apiary conducted by a practical beekeeper will furnish valuable suggestions and interest in the work. No one who wishes to derive the greatest pleasure and profit from his bees should expect the little fellows to do good work unless provided with suitable hives. Do not for a moment attempt to keep bees in hollow logs or plank boxes; instead have modern hives which can be opened from time to time so that the true condition of your bees may be studied. Surplus honey may be taken off without destroying your bees, or even disturbing them. Should your bees become diseased it will be an easy matter, with a separable hive, to inspect them and determine the cause.

Like all other industries when first undertaken, beekeepers should begin in a simple way. If you are not acquainted with bees it is best to begin with one colony and one or two

good books on beekeeping, and subscribe for one of the best bee journals. Study the living bees and your publications together. It will take only a comparatively short time about one season to increase your colonies and prepare for winter honey.

### SOME LESSONS IN PLOWING

Furrows Should Be Kept Straight as Possible, Avoiding Triangles or Bow-tie-Shaped Pieces.

(By J. G. STEIN.)

There are different ways to plow. One way is straight, and the other must be crooked, of course.

By the straight way is meant keeping the furrows straight as possible, and square each piece so there will not be any triangles or bow-tie-shaped pieces.

Have the field true on all sides; that is, it may be longer one way than the other, but each side should be straight, so if you plow straight when you start you will have the dead furrows even and no wedges at the end.

There will also be no odd shaped pieces in the center to make a lot of extra turning.

The crooked way is used by many, who start a furrow any old place on one end of the field and drive to the other end, without a mark to go by. A little crook with people of this kind does not seem to be of much importance, but crooked furrows take extra time and are a nuisance in general.

Another thing which saves much time, particularly in harvest, is a space which should be left between the fence and the field unplowed. This should be about 16 feet wide, and should be sown to grass. This strip will save going through the grain with a binder, and back, and it also saves the hired man a lot of extra work in shocking, as he can start as soon as the reaper does and will not have to wait until a swath is cut in which to place the shock.

Dining and Parlor Cars. Palace Drawing Room Sleepers. E. H. BACON, D. P. A., N. W. Cor. 4th and Market Sts., LOUISVILLE, KY.

### INJURY DONE BY HEAD LOUSE

Insects Are Very Destructive to Little Chicks and Must Be Controlled or Exterminated.

(By A. C. SMITH, Professor of Poultry Husbandry, Minnesota Experiment Station.)

The head louse attacks young chicks generally before they are feathered out, and is first found on the head with its claws or feeders sunk into the skin of the head. As they become more numerous, they attack the throat and neck as well. The remedy is simple, but it takes a little time. Each chick must have its head greased with lard, cottonseed oil or olive oil. You will have to look closely to see these insects. They are very destructive to chickens, and must be controlled or exterminated if the chick is to be healthy.

Mule Unappreciated. Often we do not appreciate the virtues of the modest, unassuming mule. He costs no more than a horse ought to cost and is less trouble and expense to put in the harness. He is not as susceptible to disease as the horse, and he is not so easily made stiff or lame. He requires less feed than a horse of the same size, yet will do as much or more work with less fatigue. He will do you 20 years' faithful service.

## DON'T BE DISCOURAGED

IF YOU ARE TOO SICK TO WORK AND YOUR WIFE IS WEAK AND AILING THERE'S HOPE AND HELP FOR YOU BOTH IN

## ELECTRIC BRAND BITTERS

They build up the run-down; they strengthen the weak; they invigorate tired and worn-out people. They're unequalled for dyspepsia and indigestion, constipation and malaria, biliousness and jaundice. They're a blessing to women who suffer from backache, headache, fainting or dizzy spells and a boon to all sufferers from kidney troubles. TRY THEM.

PRICE 50c AND \$1.00 PER BOTTLE

SOLD AND GUARANTEED BY

Sold by Jarvis & Williams.

### DR. M. W. ROZZELL

EYE, EAR, NOSE AND THROAT SPECIALIST.

Expert U. S. Pension Examining Surgeon. Eyes Tested. Glasses Fitted.

Office-Residence Cor. 7th & Clay Sts one block East Hotel Latham, Phone 1033

HOPKINSVILLE, KENTUCKY.

### DR. J. W. BARLOW,

DENTIST.

Crowns and Bridge Work done at reasonable prices.

Office up stairs, in the Jones Building, Greenville, Ky.

### DR. T. J. CLAYTON,

Physician and Surgeon.

Office Main-cross street near Mainstreet. 15

### CAN HOWARD, WADE H. GRAY,

HOWARD & GRAY,

LAWYERS.

Office in Green Building, opposite LaNeade Hotel.

### DRS. HELTSLEY & HELTSLEY

OSTEOPATHIC PHYSICIANS

Office at Home, East Main-cross Street.

Telephone No. 78.

### Monon Route

BETWEEN

Louisville - and - Chicago

BEST LINE TO

California and the

Vast Northwest

Two trains daily

French Lick and West Baden Springs.

UNION STATION,

LOUISVILLE.

DEARBORN STATION,

CHICAGO.

Dining and Parlor Cars.

Palace Drawing Room Sleepers.

E. H. BACON, D. P. A.,

N. W. Cor. 4th and Market Sts.,

LOUISVILLE, KY.

### PATENTS

OVER 65 YEARS' EXPERIENCE

TRADE MARKS

DESIGNS & CO.

Copyrights & Co.

Scientific American.

A handbook illustrating weekly, largest circulation of any scientific journal, 3 cents.

Where other notices fail, this will bring you a full, reliable, and complete list of all the latest inventions, and a full description of each, with a full list of the names of the inventors, and a full list of the names of the persons who have secured patents for them.

Send for your copy today. It is free.

Write to: Scientific American, 415 Broadway, New York.

Branch Office, 111 1/2 St. Washington, D. C.

Cures "Colds" in any part of body.

Dr. Fenner's Cough Honey

See Marks list of jewelry, silver ware, etc.

### SHANNON, MERCER & CO.

DEPOY, KENTUCKY

We announce to our trade and the public that our stocks of goods in all departments are larger and better selected than ever in our history. We carry a varied line of

GENERAL MERCHANDISE

and can supply most of the wants of the people. In Dry Goods, Clothing, Shoes, Hats, Etc., we offer large selections.

In Groceries, Hardware, Tinware, Farm Implements and such goods our stocks are especially strong.

In all departments prices will be found the lowest, and your visits will be highly appreciated.

Undertaking Department

We have just added an Undertaking Department to our business, and will carry a comprehensive line of Coffins, Caskets, Robes, Suits, Wrappers and Dresses. Also have a Hearse in service, on call anywhere. Orders in this line given prompt and careful attention any hour day or night.

Telephones: Store, No. 1. Night, No. 12 or No. 3.

SHANNON, MERCER & CO.

DEPOY, KENTUCKY

COULD SCARCELY WALK ABOUT

And For Three Summers Mrs. Vincent Was Unable to Attend to Any of Her Housework.

Pleasant Hill, N. C.—"I suffered for three summers," writes Mrs. Walter Vincent, of this town, "and the third and last time, was my worst. I had dreadful nervous headaches and prostration, and was scarcely able to walk about. Could not do any of my housework. I also had dreadful pains in my back and sides and when one of those weak, sinking spells would come on me, I would have to give up and lie down, until it wore off. I was certainly in a dreadful state of health, when I finally decided to try Cardui, the woman's tonic, and I firmly believe I would have died if I hadn't taken it. After I began taking Cardui, I was greatly helped, and all three bottles relieved me entirely. I fattened up, and grew so much stronger in three months, I felt like another person altogether." Cardui is purely vegetable and gentle-acting. Its ingredients have a mild, tonic effect, on the womanly constitution. Cardui makes for increased strength, improves the appetite, tones up the nervous system, and helps to make pale, sallow cheeks, fresh and rosy. Cardui has helped more than a million weak women, during the past 50 years. It will surely do for you, what it has done for them. Try Cardui today.

Write to: Chattanooga Medicine Co., Ladies' Advisory Dept., Chattanooga, Tenn., for Special Instructions on your case and 64-page book, "House Treatment for Women," sent in plain wrapper.

Victors, Victorolas, Records and needles at ROARK'S.

# THE RECORD.

An Independent Newspaper.

**RECORD PRESS,**

OWEN REED, President. OREN L. ROARK, Secretary.

OREN L. ROARK, EDITOR.

Long-Distance Telephone No. 72  
Office in Annex near Roark store, ground floor.

50 CENTS PER YEAR, IN ADVANCE.

## TERMS.

The subscription price of the paper is payable in advance, and when the time has expired to which it is paid, the paper will be stopped. Cards of thanks, obituary notices, etc., if not longer than ten lines, will be published free. A charge of 50c. per line will be made for succeeding lines. No variation of this rule to anyone. Free sample copies will be mailed.

Advertisements will be inserted. A rate card will be furnished on request. Address all communications and make all remittances payable to RECORD PRESS, GREENVILLE, KY.

THURSDAY, DECEMBER 18, 1913.

Entered at the Greenville, Ky., postoffice as second-class matter.

If men and women were ordered to tramp their toes in the shoes they wear there would be a revolution in a minute.

DOUBTLESS the rebel victories in Mexico will increase with their capture of telegraph offices heretofore held by the federals.

CINCINNATI has repaired its broken water main and now does not have to follow the barbarous custom of drinking things straight.

LEATHER is becoming so expensive that cattlemen are looking about for some cheaper form of binding for their lower grades of cows.

ANOTHER great advantage of being president of the United States is that the president does not have to receive company when he has a bad cold.

MONA LISA having been found, the world will once more bask in her equivocal smile, which now she might justifiably broaden into a grin.

NEW YORK is preparing to begin the New Year with a headache and a weird taste in its mouth. There are some funny ways of trying to be happy.

THEY help most, as has been tritely but not too often remarked, who help others help themselves. There is no other Christmas gift like a job to the unemployed.

"Pleads for Nervous Woman," is a headline telling what a certain lawyer is doing. By all means let him have one. The nervous woman is surely sufficiently numerous.

DISCOURAGING recently on things in general, Mr. Taft remarked that he loves everybody. The colonel, under this general amnesty, may return to the United States as soon as he likes.

BECAUSE of the terrific competition of the postoffice department the express companies are thinking of various fresh and interesting ways in which to make themselves useful to the people.

KANSAS woman election judges rebelled when the men smoked and chewed tobacco in the polling places. And as the women had no disagreeable habits with which to retaliate they were distinctly at a disadvantage. Woman election judges may have to cultivate a few vices in self defence.

A STEEL bridge was recently removed and replaced by another, near Victor, N. Y., on the Lehigh Valley Railroad, in the remarkably short space of under five minutes; and this was done without any delay in the traffic. The new bridge which was put in place complete, even to its ballasted tracks, is a plate-girder structure, with a span of 103 feet. The main girders are 30 feet high, and it has a solid concrete floor. This mass was rolled into place in three minutes and was ready for immediate use. The old bridge was rolled out of the way in a minute and three quarters.

A BILL that has been prepared for the next Legislature regulating admissions to the bar. The bill provides for a Board of examiners of the members to be appointed by the Court of Appeals. No applicant shall be admitted to the bar unless he attains an average of 75 per cent. in all subjects. The subjects are to be designated by the

Court of Appeals. No one shall be eligible to the bar unless he is a graduate of a college or university or of a high school with a four year course, or has an education equivalent to this. Nor shall an applicant be eligible unless he has attended a law school for three years or has studied for three years in the office of some practicing attorney.

## Rejuvenation of The Old Orchard.

The farm orchard is usually one of the most neglected spots on the farm. For years it has been allowed to care for itself and as a result the owner gathers only an inferior crop for his orchard properly is blessed with a bountiful supply.

The question is often asked as to whether it will pay to rejuvenate these old trees. In many cases this will pay and in some cases it will not. It will not pay to renovate an orchard where there is a very poor stand of trees or when the trees are over thirty years of age. Often an orchard is located very poorly to begin with as regards soil and site and hence would not warrant the care and expense necessary to rejuvenate it. The fact that the varieties are not well selected should not cause one to consider his orchard worthless provided the trees are healthy and vigorous, because in such a case they may be successfully top grafted into a more desirable variety.

In working over an old orchard there are four important steps to keep in mind, viz. pruning, spraying, fertilizing and cultivation.

In pruning an old orchard the first step will be to remove all dead and crossing branches. An attempt should be made to cut back the top in order to make the operations of spraying and harvesting easier. The ends of the branches should be thinned out so as to admit plenty of air and sunlight. The operation of pruning should be drawn out over a period of two or three years so that the tree may have an opportunity to adjust itself to the new conditions. After this a small annual pruning each year should be given. Whenever a large limb is removed care should be taken to make the cut as close to the trunk as possible and coat the wound with an application of lead paint.

Spraying is also necessary in order to get the best results. The number of applications will depend upon the conditions in the orchard. If the trees are badly infested with San Jose scale an application of lime-sulphur should be applied in the fall or just before the buds start to swell in the spring. Immediately after the blossoms fall it will be necessary to use an application of arsenate of lead in order to control the codling moth or apple worm.

During the winter it is a good plan to apply a covering of barn yard manure. Use about twelve or fifteen loads to the acre. If the manure is not available a good high grade fertilizer may be used in the spring. The first year nitrate of soda may be used at the rate of 250 or 300 lbs. per acre. After this the nitrogen supply should be kept up by means of leguminous cover crops. The same amounts of potash and rock phosphate should be used to supply the other elements.

If the land has been in sod for some time it would be a good plan to break it up now. Plow to a depth of about four inches. Deeper plowing may be harmful because the roots in a sod orchard have a tendency to come to the surface of the ground. If the orchard has been cultivated the land should be plowed early in the spring. Cultivation should be continued until about the first of August, after which a leguminous cover crop should be sown.

Where an orchard has been neglected for several years the owner cannot expect to bring it back in one season. Under average conditions the neglected orchard will respond to the treatment indicated above. The Extension Department will give free assistance wherever possible to orchard improvement work.

J. A. CARMODY, Asst. Horticulturist, Kentucky Experiment Station, Lexington, Kentucky.

Mr. M. B. Woodson, who has been chief clerk here for some years in the I. C. office, has been promoted to an important position in the Louisville office, and he and his wife left last week. Mr. Woodson made many friends here, and they all are pleased at his recognition by the company.

THE RECORD 50c per year.

## CATARRH OF THE PHARYNX.

Clearing out your throat every day, all day. That is what you have been doing for months. Possibly years. A little mucus covers the pharynx. If you were to go to a doctor he would tell you that you have pharyngitis. If you were to look into your own throat you would find just back of the soft palate a red, lumpy, granular appearance of the back part of the throat. Pharyngitis the doctors call it.

Perhaps he would call it, follicular pharyngitis. It causes you constant annoyance. You are always making slight disturbances when seated in an audience. Can't hold your throat still. Stringy mucus bothers you. Worse in the morning.

A-hem! A-hem! A-hem! That is the way you are going nearly all day. Sometimes in the night when you wake up. You ought to gargle your throat with salt water every morning. Cold salt water. That clears out the throat perfectly and makes it ready for treatment.

Peruna is the treatment. Begin with a teaspoonful before each meal and at bedtime. Try it for a week. You will be convinced. Of course, Peruna will not entirely relieve you in a week. That is too much to expect of any remedy. But it will benefit you so much you will be convinced. Yes, it will. It has done this many times. Follicular pharyngitis. Big words. Almost as bad as the disease. But if you take Peruna for one month regularly, you may forget that you ever had such a disease. Then you will have a perfect right to forget the big words too.

People who object to liquid medicines can now obtain Peruna Tablets.

## Mastication.

It is difficult to exaggerate the importance of teaching children to eat slowly. Although it is not strictly true to say that every child who eats rapidly is in poor health, it is true that a child who is in the habit of chewing each mouthful thoroughly is rarely in poor health. In children imperfect mastication is frequently the cause of restless sleep and overwrought nerves. Many a child is blamed for being naughty, when he is really suffering from indigestion brought about by haste in eating.

The fault is not always with the child. Most children naturally eat slowly. Any one who has ever fed a bowl of bread and milk to a young child knows that it takes a long time to finish the meal. The child takes a spoonful, and then pounds on the table, or laughs and plays. He is in no hurry for the next mouthful. It is the nurse or mother who is in a hurry, and who holds the spoon before the child's mouth, and urges him to eat.

A little later the child comes to the table with the family. At many breakfast-tables the important thing is to finish the meal, and get father out of the house in time to catch his train, or reach his work on time. There is an atmosphere of hurry and confusion that is contagious.

The evening meal should be a peaceful and cheerful occasion, but it sometimes happens that one of the parents takes the opportunity to criticize a child for some trifling fault. When that is the case the pleasure of the meal is quite lost, the child hurries through his dinner or supper, and leaves the table as soon as possible. Unpleasant thoughts, grief, or anger, check digestion. Make the child happy at meal time if you can. He will repay you by a more cheerful disposition, a stronger body, and a better standing at school.

Do not permit a child to wash down his food with swallows of water, coffee, or even milk. Let him drink all the water he wants before he begins the meal and between meals, but let it be used sparingly during meals.

A child who eats slowly will seldom overeat. Moreover, eating slowly encourages a desire for simple foods. In order to eat much of a highly seasoned or very rich food, you must bolt it. If you try to eat a very rich pudding, and masticate slowly and thoroughly, you will find that it becomes distasteful before you have eaten very much.

The exercise of chewing has a good effect upon the bones and muscles of the face, and improves the facial contour just as surely as exercising the arm improves that organ. Mastication keeps the teeth nourished and well polished; and strong, healthy teeth, kept clean by mastication and the proper use of the tooth-brush, exert an important influence on the child's health.

## Pay Your School Taxes At Once.

Persons who have not paid Greenville Graded School taxes must do so at once, or they will be advertised, and extra costs and penalties will be added when sales are made. C. E. Blackwell, Tax Collector.

Calomel, Calomel, you cannot stay for LIV-VER-LAX has shown us an easier way. Ask G. E. Countzler.

## SIX MORE DAYS TILL CHRISTMAS

and our goods are going fast. Make your purchases now before stock is all broken up. On next Saturday Dec. 20 and for that day only, we will sell a Beautiful framed picture for 5c. a picture makes a nice present something everybody likes. Watch our show windows. For your Xmas dinner watch us—we will have lots of good things.

W. H. BRIZENDINE & CO.

Everything Good to Eat

Greenville, Ky.

## EXCURSION RATES

for the

## HOLIDAYS

will be in effect to all stations on the

## ILLINOIS CENTRAL

and the

## YAZOO & MISS. VALLEY RAILROADS

For particulars see our Ticket Agent or address

G. H. BOWER, G. P. A.

Memphis, Tenn.

## JEWELRY

Rings, Brooches, Cuff-Links, Bar Pins, Lockets, Chains, Lavaliers in solid gold.

## WATCHES

Elgin, Waltham, South Bend, Howard in 20 and 25 year cases.

## DIAMONDS

Clocks, Cut Glass, Silver ware, Casseroles, Bake Dishes, Etc.

FINEST WATCH CLOCK

AND JEWELRY REPAIRING

SATISFACTION GUARANTEED

A. E. McCracken

Greenville, Ky.



Victors, Victorolas, records and needles at ROARK'S.



A Victor or Victor-Victrola is the most acceptable of Christmas gifts.

We carry a full line of Victors, records and needles.

ROARK

## When Your Blood is Right. Your Whole System is Right. If You have any Blood or Skin Disease Do Not Delay until it is too late but Order TO-DAY! THE HOT SPRINGS REMEDY

a Complete and Positive Remedy For

SYPHILIS,

ECZEMA,

ERYSIPELAS,

ECNE,

MALARIA,

RHEUMATISM

And all other Forms of Blood and Skin Diseases.

Hot Springs Physicians pronounce this the Greatest Blood and Skin Remedy ever placed on the Market.

Full Course Treatment—Six Bottles—\$18

Single Bottle—\$5

We Prepare a Remedy for Every Disease

Our Treatment For Female Ills is the Greatest of its Kind Ever

Offered Suffering Women.

Write us your troubles. All Correspondence Strictly Private.

Hot Springs Medicine Company,

803 I-2 Central Avenue, Hot Springs, Ark.



## Brightly Lighted Windows Draw Trade

With the new Edison Mazda Lamps you can, at small cost, light your store windows so brilliantly that they will compel the attention of the passerby. Attractive window displays create the kind of desire that results in increased sales.

The new Edison Mazda Lamps burn satisfactorily in any position and are particularly well adapted for effective window and store lighting. We have all sizes.

Greenville Light & Water Co.

**I. C. R. LOCAL TIME CARD.**

|   |          |
|---|----------|
| NORTH BOUND.                                |          |
| No.   | Time     |
| 102 Louisville Express                      | 11:25 am |
| 102 Cincinnati Express                      | 1:34 pm  |
| 104 Louisville Limited                      | 2:35 am  |
| 106 Central City accommodation              | 7:15 pm  |
| SOUTH BOUND.                                |          |
| No.   | Time     |
| 103 Paducah and Cairo accom.                | 5:15 am  |
| 101 Fulton accommodation                    | 12:05 pm |
| 101 New Orleans special                     | 2:40 pm  |
| 103 N. O. spec. (Louisville passenger only) | 1:27 am  |

Nov. 2, 1913. W. G. CRAWFORD, Agt.

**Local Mention.**

Just a week until Christmas.

Sunday will be the shortest day of the year.

Parcel post business is showing the approach of Christmas.

G. E. Countzler is headquarters for LIV-VER-LAX.

Place red cross stamps on your Christmas packages.

Merry Christmas; we hope to greet you again the first day of 1914.

See the stirring play "My Old Kentucky Home," at the opera house tomorrow night.

We have had so many Indian summers this fall that it is hard to keep track of them.

As usual, there are many rumors, but no local weddings have been announced for Christmas.

One or two cases of diphtheria in town, but in some parts of the county there are many sufferers.

Why be constipated when you can buy LIV-VER-LAX from G. E. Countzler.

After January 1 the parcel post package weight will be increased to 50 pounds, in local, first and second zones.

There are some cases of smallpox reported in the county, but every effort is being made to prevent its spread.

Mr. Richard Pannell, who is working as a switchman in East St. Louis yards, is spending two weeks at home.

Begin now to write it 1914, so you will be ready when the new year arrives. Better to be ahead than behind.

There will be no paper next week, as is the usual custom, but the office will be open for the transaction of business.

Oh, you Calomel get out of the way and let LIV-VER-LAX do the work. Purely vegetable. Ask G. E. Countzler.

Muhlenberg county school teachers were made happy Saturday, and put in position to enjoy Christmas by having a pay day, and they were all here to get the checks.

One person here has the Christmas problem solved, and has provided about 200 post-cards, which will be mailed to friends all over the country. He should be elected president of the local Spug society.

Nothing better for a Christmas remembrance than a Victor or Victrola; amuses and educates the whole family; world's best in music, song and story, played, sung or recited by the celebrities of all lands. Roark, agent.

Tuberculosis stamps are on sale at Leslie Hale's at a penny each, and everyone should help in the State-wide campaign against the white plague by using these stamps on all Christmas letters and packages.

Kentucky press boys will meet in Lexington for their mid-winter session, December 29 and 30. A fine program has been arranged, and the meeting promises to be one of importance in a business way, with many pleasing social features.

"Ship early" is advice almost as good as "shop early." By following it you can be reasonably sure that your gifts will reach their destination on time, and you will have helped to ease the burden that the season lays on busy post office clerks and expressmen.

Buy your Christmas remembrances from Mac.

**What the President of the Filson Club Thinks of Our History.**

The Filson Club, Louisville, Sept. 12, 1913

Mr. Otto A. Rothert,

My Dear Sir:

I thank you for the pleasure I have had in reading your "History of Muhlenberg County."

I wish that the Filson Club could have had the credit which would have come to it from having one of its members, as you are, produce the work, but there were reasons why the Club could not have undertaken so expensive a publication.

You have, permit me to say, made a distinctly valuable contribution to the history of Kentucky in giving in such detail, and with elaborate and costly illustrations, the history of one of its principal counties. The founders of Muhlenberg were typical of the early settlers of the State, and their development with the times and during the epochs of Kentucky history, might be the story of many another county of the Commonwealth. Perhaps you have been fortunate in taking a county of abundant resources by the gift of Nature, and of a citizenship which took an active part in four wars, and in all the civic contests from the beginning to the present day.

You have preserved, in a form which will not fade, these types of men and women, of habits and customs, and of dwelling places and work-shops; indeed of all that makes a picture of the people and their times. You have drawn a pioneer, a picture so interesting and so clear in all the lines, in Michael Severs the adventurous trader and soldier, the unerring rifleman who was with Jackson at New Orleans, that your book is invaluable were there not hundreds of similar pen pictures in it.

Those who love the history of Kentucky, and reverence the fathers and mothers of the generations that have come and gone and that still live, owe you a debt of gratitude for the labor you have devoted to your work and for the interesting and engaging narrative you have written. I should think every family in Muhlenberg county would get a copy of your book, to keep by them for frequent enjoyment and to pass down to the children. I am sure all students of Kentucky's achievements will find in it matter of great value and of unusual interest.

With wishes for your success and for due appreciation of this history, and that you may not stay your hand but give us other work from it,

Very truly, etc.,  
James S. Pirtle,  
President of the Filson Club.

Mr. Ray Morgan has accepted a position with the I. C. here, as clerk, and entered upon his duties the first of the week.

**"My Old Kentucky Home" Here Tomorrow Night.**

"My Old Kentucky Home," a play that has pleased everywhere, and is especially appealing to Kentuckians, will appear at the opera house tomorrow night, carrying its own band and orchestra and a competent company. Prices 25, 35, 50. Tickets on sale at Hale's.

LIV-VER-LAX, the liver regulator, ask G. E. Countzler.

**Notice To Stock Holders.**

There will be held at the office of the First National Bank of Greenville, Ky. on Tuesday January 13th 1914, between the hours of 10 am and 12 m, an election for the purpose of electing seven directors for the ensuing year.

Jno. T. Reynolds, Jr., Secretary.

**Notice to A. S. of E. Members.**

The regular session of the county union will meet in Greenville on the first Thursday and Friday in January. Let's have a full delegation as we want to map out the work for the incoming year under the directions and plans as outlined by the national and State union which recently met in Kentucky.

Yours truly,  
M. W. Carver,  
Chm. M. C. A. S. of E.

Shop with Mac.

**New Sample and Sales Room.**

Messrs. L. W. Irvin & Sons and Irvin & Gilman have rented the north room of the Lam block, and will use it as a sample and sales room for agricultural implements and Ford automobiles. It gives both concerns needed room, and will prove convenient for their customers and the public. Irvin & Gilman have three cars on hand, and will have a car-load early in the season, as their business is developing rapidly, and the sturdy Ford will be more in evidence next year than ever.

**Band Concert Monday Night.**

Our band boys made their first appearance Monday night, when they gave a concert at the opera house to an appreciative audience. The organization has been established less than three months, and only two members of the band had previously made any effort to play. Practices have been held regularly, and every member has given time and study to the work. Conductor J. A. Rose deserves great credit for the satisfactory progress that has been made, and he is quite enthusiastic over the outlook, as the boys are determined to go to the top.

**Making War On Rats.**

I learned something that morning, visiting an Indiana school. I learned that throughout the United States there are about five rats for every human being, and as we have a population of about 100,000,000 persons, we are feeding a rat population of some 500,000,000. At a rate of 2 cents a day, each rat costs us close to \$7.30 a year. You can figure for yourself what the total rat population of our entire country costs us. In the State of Indiana alone the daily cost for rats, at this rate, is something like \$400,000! The loss to other States is proportionate. The only difference between Indiana and other States is not one of rats—but rather of enlightenment. Indiana does things, but it has had to struggle to do them!

Under the supervision of Dr. J. N. Hurty, of the State Board of Health, the rat and its relation to the destruction of property and health are to be studied in all the public schools throughout the State. A section of the law now makes it the duty of school and health authorities to provide charts, text books, etc., in order to carry out the details of the plan in a most efficient manner. Dr. Hurty's rat chart is to be placed in every school-room, and every teacher is provided with an interesting pamphlet which outlines the life story of the rat, and in such a simple and direct manner that any child can understand. Instructions in how to make buildings and dwellings "rat proof" will also be given. The people are in earnest. Failure to teach this subject in the schools is punishable with a fine of from \$10 to \$25.

All this, of course, is only one phase of the question and of what Indiana intends to do. The important thing to bear in mind is the fact that there is one State in the Union with sufficient foresight and "awareness" to know a menace when it sees one, and to take present steps and far-seeing ones both for the present and oncoming generations. The last session of the Indiana State Legislature made all this possible, but not without some thought and some struggle on the part of somebody.—F. C. Cooper, in Technical World Magazine.

**City Tax Notice.**

Persons who have not paid their city taxes for the year 1913 are notified that unless settlement is made at once, I will advertise same and make sales to satisfy the amounts due the city. Prompt action will save costs.

W. R. Dennis, Marshal C. G.

**E. N. Martin Back.**

E. N. Martin, the tailor has returned to Greenville and is doing all kinds of work in his line at the corner of Main Cross and Cherry Sts., and solicits your patronage. All work in the city called for and delivered. Telephone 115.

There will be a Christmas tree at the Cumberland church next Wednesday night for the children of that church. All children and members of the church are urged to be present, and enjoy a pleasant evening. There will be special music, recitations and appropriate exercises.

**"The Divorce Question."**

The National Play Co. presented "The Divorce Question" at the La-Meade opera house Tuesday night, a most capable corps of players giving a strong interpretation to this play which has had such wide reception. It deals sanely with vital social questions, following the lax divorce laws of this country, and is such a presentation as should draw largely wherever given. In the hands of the players who were sent us, there was added pleasure in the intelligent, forceful manner in which each character was placed before the audience. It was one of the best plays that has been here in a long while, and should have drawn more largely.

We have been getting the heaviest fogs in years, and the dampness amounts to almost a shower each morning.

Mr. and Mrs. Jeff Wood are entertaining their firstborn, a girl.

**Another Victory Won by Our Basket Ball Boys.**

The Greenville basket-ball team added to its long string of victories by defeating the crack team of the Bowling Green Normal school, in a game here at the Y. M. C. A. court Tuesday night, the score being 21-20. The attendance was large, and it was one of the hardest contests ever seen here, both sides playing a fast, hard game all the way through. Our boys have forged right up to the top, and compare favorably with any team in Western Kentucky.

Mr. J. T. Chatham was in Louisville for a few days this week on business.

Mr. and Mrs. Ed Wood are spending a few days here with relatives and friends.

**The Farmer's Creed.**

I believe in a permanent agriculture, a soil that shall grow richer rather than poorer from year to year.

I believe in a 100 bushel corn and fifty-bushel wheat, and I shall not be satisfied with anything less.

I believe that the only weed is a dead weed, and that a clean farm is as important as a clean conscience.

I believe in the farm boy and the farm girl, the farmer's best crops and the future's best hope.

I believe in the farm woman, and will do all in my power to make her life easier and happier.

I believe in a country school that prepares for country life, and a country church that teaches its people to love deeply and live honorably.

I believe in community spirit, a pride in home and neighbors, and I will do my part to make my community the best in the State.

I believe in the farmer, I believe in farm life, I believe in the inspiration of the open country.

I am proud to be a farmer, and I will try earnestly to be worthy of the name.—Frank I. Mann.

Mrs. Muriel Jones, of Cincinnati, is here to spend the holiday season with Judge and Mrs. W. A. Wickliffe.

School children will have a week's vacation.

Work on the Greenville Central City road is being rushed right along from this end, and will be completed in a few days, for the Greenville mile.



**To Fathers and Sons:**

Get your wife, mother or friend a pair of Kryptok invisible bifocal lens for Xmas. I will guarantee that she will like them better than any glasses she ever had. To see far and near without both lens in one without seam or cement. Nothing to indicate old age or to disfigure your looks. Call for Kryptoks when bifocals are wanted.

Special attention given to children: optical work of all kinds. Office new Gish bldg., Central City, Ky.

DR. W. M. DEMPSEY & BRO.  
OPTICAL SPECIALISTS.

THE RECORD, 50c. per year.

**Subscribers to Road Improvement Fund.**

|                           |      |
|---------------------------|------|
| Greenville Coal Co.       | 1.00 |
| J. H. Smith & Roy         | 1.00 |
| Greenville L. & W. Co.    | 1.00 |
| J. A. Gilman              | 1.00 |
| D. M. Roll                | 1.00 |
| H. L. Stum                | 1.00 |
| R. O. Pace                | 1.00 |
| G. W. Morgan              | 1.00 |
| Bernie Shutt              | 1.00 |
| H. Y. Staton, M. D.       | 1.00 |
| G. E. Countzler           | 1.00 |
| C. M. Howard & Co.        | 1.00 |
| First National Bank       | 1.00 |
| Dr. L. P. Moore           | 1.00 |
| Dr. C. B. Martin          | 1.00 |
| R. E. Frazer              | 1.00 |
| Muhlenberg Co. Sav. Bank  | 1.00 |
| G. M. Dexter & Co.        | 1.00 |
| W. T. Morgan & Son        | 1.00 |
| R. Martin & Co.           | 1.00 |
| Fred Irvin                | 1.00 |
| Orien L. Roark            | 1.00 |
| S. W. Dexter              | 1.00 |
| S. D. Bradley             | 1.00 |
| John McClellan            | 1.00 |
| J. A. Shaver              | 1.00 |
| Dr. J. E. Bailey          | 1.00 |
| Jarvis & Williams         | 1.00 |
| Cohen Bros.               | 1.00 |
| Carlisle Kirkpatrick      | 1.00 |
| Dr. G. H. Grace           | 1.00 |
| J. L. Rogers              | 1.00 |
| T. C. Baird               | 1.00 |
| Elgan Rice                | 1.00 |
| John & Jack Mathis, (col) | 1.00 |
| Arthur Yeargin            | 1.00 |
| Vick & Coleman            | 1.00 |
| Advance Coal Co.          | 1.00 |
| Home Milling Co.          | 1.00 |
| John Duvall               | 1.00 |
| W. G. Crawford            | 1.00 |
| Joe Long                  | 1.00 |
| W. A. Wickliffe           | 1.00 |
| John Elliott (col)        | 1.00 |
| Leslie Hale               | 1.00 |
| Hancock & Atkinson        | 1.00 |
| John Green                | 1.00 |
| Barbour Head              | 1.00 |
| Mr. Sisk                  | 1.00 |
| Cecil E. Roark            | 1.00 |
| Rufus Vick                | 1.00 |

Another hard season on the turkey family is approaching.

Several of our appreciative people have purchased copies of Otto A. Rothert's "History of Muhlenberg County," which they will give as Christmas remembrances and anyone who receives a copy of this valuable work will be lucky, and appreciate it highly, of course.

Mr. Chas. W. Roark is in Louisville for a day or two on business.

Mr. John Smith, in attempting to avert a row at the depot Tuesday afternoon between several parties, was struck on the jaw with a rock thrown by Clarence Holt; the injury was painful, but not serious.

Plans are being discussed for the formation of a permanent Muhlenberg County Good Roads Association. The matter will soon be in shape so that announcement may be made.

**The Man Who Put the EEs in Feet**

Look for This Trade-Mark Picture on the Label when buying ALLEN'S FOOT-EASE

The Antiseptic Powder for Tending, Dr. Achme Foot. Sold every where, 25c. Sample FREE. Address: ALLEN E. GILBERT, Le Roy, N. Y.

**Cures "Colds" in any part of body.**

Relieve ANY Cough in an hour.

**Dr. Fanner's Cough Honey**

Where other medicine fails this will bring relief. Cures Cough, Whooping Cough, Sore Throat, "Colds," Rheumatism, Gripe, etc.

Consumption, Asthma, Bronchitis, Scurvy, etc. The size by mail 50c. Postpaid, N. Y.

**RHEUMATIC SUFFERERS FIND QUICK RELIEF By the use of SWANSON'S "5-DROPS"**

The Great Remedy for Rheumatism, Lumbago, Sciatica, Gout, Neuralgia, La Grippe, Kidney Trouble

It is a preparation for both internal and external use that gives quick relief to the sufferer. Applied externally, it cures all aches and pains. Taken internally, it dissolves the poisonous substance and assists nature in restoring the system to a healthy condition. Sold by Druggists. One Dollar per bottle, or sent prepaid upon receipt of price if not obtainable in your locality.

SWANSON RHEUMATIC CURE COMPANY Chicago 195 Lake Street.

**SWANSON'S PILLS**

Best Remedy for Constipation, Sick Headache, Sour Stomach, Bloating and Liver Trouble. 50c Per Box at Druggists

**SKIN SORES Easily and Quickly Healed**

Those who suffer from Eczema, Ulcers, Piles or other skin eruptions know the intense itching and burning that attend them. You can easily get rid of it by a simple and inexpensive application. It is the Five-Drop Salve. It is a powerful antiseptic, soothes, heals, and cures. Burns, salt rheum, ring-worm, itches and sores. A single application will usually give immediate relief. The burning, irritating inflammation quickly subsides and the sores dry and disappear.

The Five-Drop Salve is now put up in 25 and 50 cent packages and sold by nearly all druggists. If it is not obtainable in your locality can order direct from Swanson & Co., 200 N. W. Chicago, Ill. and it will be sent upon receipt of price. It is an excellent remedy for scrofulous eruptions, cracked skin and scaly humors.

**WE ARE READY.**

Everything clean and fresh. Come and see us.

Fancy candy at 10c. a pound.

Fresh Nuts, Fruits and Vegetables.

Bargains in China and Enameled Ware.

The best stock of Groceries ever.

Cheese, the very best N. Y. Cream.

15oz jar Randolph's Cocoa, 30c.

Duntley Pneumatic Sweeper.

Boy's Wagons, 25c. and 50c.

Doll Carts 10c.

Standard Granulated Sugar, 20lbs. \$1.

75 sizes Window Glass in stock.

Try our 30c. Peaberry Coffee; no charge for grinding.

**C. M. HOWARD & CO.**

**DAILY COURIER-JOURNAL AT HALF PRICE**

**DURING DECEMBER JANUARY FEBRUARY THE RECORD**

has made a special arrangement whereby the Daily Courier-Journal can be furnished one year for \$3.00, six months \$1.75, by mail (Sunday not included) to all persons who will give their orders to us during the months named above. Better still, you can have the Daily Courier-Journal and THIS PAPER one year each

**For Only \$3.50**

After February 28, 1914, the price of the Daily Courier-Journal alone is \$6.00 a year. Take advantage of this special Bargain Offer at once and REDUCE THE HIGH COST OF LIVING.

To Get Advantage of This Cut Rate, Orders Must Be Sent Us, Not to the Courier-Journal

**Have You a Liver? IF SO USE LIV-VER-LAX**

Read Following Statement From Prominent Greenville Druggist

We have recently received a large shipment of GRIGSBY'S LIV-VER-LAX, the liver medicine which we recommend above all others. When troubled with constipation, or a disordered liver, do not take calomel or other harsh physics to derange the system, but let us supply you with a bottle of LIV-VER-LAX on our personal guarantee, that is, if it does not do all that we claim for it, and if you are not perfectly satisfied we will cheerfully refund your money. A sluggish and inactive liver is the cause of most all diseases. Keep your bowels open and liver regulated with LIV-VER-LAX and you will not be sick. LIV-VER-LAX is purely vegetable, is pleasant, safe and effective, and is good for grown-ups and children all alike. We have unbounded confidence in LIV-VER-LAX, is why we recommend it so highly. We believe LIV-VER-LAX has given more universal satisfaction than any other liver medicine we have ever sold.

**G. E. COUNTZLER.**

M. C. Boyd, President. J. R. Dortch, Vice-Pres. D. B. Hancock, Sec. & Treas.

**SELL YOUR TOBACCO ON The Hancock Warehouse Co.**

INCORPORATED

**Loose Floor**

2nd. & Liberty Streets HOPKINSVILLE, KY.

**Free Stalls For Teams Over Night**

All Tobacco Paid For Same Day Sold. Can Unload Day or Night.

**J. T. WALKER, Solicitor.**

The house for fine tobacco.

# ROARK—Furniture, Wallpaper, Shades, Moldings

Undertaker's Goods: Coffins, Caskets, Robes, Wrappers, Slippers, Grave Vaults. Disinfection—ROARK

## The DAIRY



### FEEDING DAIRY COWS

Many Farmers Do Not Understand Scientific Terms.

There Has Not Been Given Definite Information Which Would Command Confidence of People Interested in Dairying.

(By T. L. HANCKLER)  
We are inclined to the opinion that many farmers have not given as close study to the problem of feeding dairy cows as they should, for two reasons. First, many of them do not fully understand the terms employed by scientists. Second, there has not been definite practical information given which would command the confidence of the farmers.

All classes of foods are divided into two classes, with reference to bulk—roughage and concentrates. "Rough-



Mixing Feed to Balance a Ration. The Proper Proportions Should Be Weighed and Mixed Together in Large Quantities. Then Fed to the Cows—Usually One Pound of Grain to Three Pounds of Milk Given.

"age" includes all the coarse portions of a ration, such as hay, stover, fencer, corn silage, roots, etc., while the term "concentrates" embraces all grains and mill products. In feed stuffs there are three groups of substances, which must be considered in formulating a ration to secure best results. These are known as protein, carbohydrates and fat.

"Protein" is the name of a group of materials containing nitrogen, and sometimes called the nitrogenous group, in opposition to the carbohydrates, fat and ash, which are non-nitrogenous.

The function of protein is to furnish materials for the formation of lean flesh, blood, tendons, nerves, hair, horns, wool, and the casein and albumen of milk. For the formation of these materials, protein is absolutely indispensable. It is important to remember that no substance free from nitrogen can be converted into protein or be used as a substitute for protein. It is, therefore, necessary for an animal to receive a certain amount of protein in order to maintain existence, grow or produce milk.

"Carbohydrates" are made up of several substances, usually divided into two groups: namely, nitrogen, free extracts, including sugar, starch, gums, etc., and crude fiber. Coarse fodders contain large amounts of crude fiber, while grain and mill stuffs contain little fiber, but are rich in starch and sugar.

Carbohydrates are either stored up in the body as fat, or are burned in the system to produce heat and energy.

"Fat"—or the material dissolved from a feeding stuff by ether, and for this reason often designated as "ether extract"—includes the fats, wax and green coloring matter of plants. The fat of food is either stored up in the body or burned to furnish heat and energy. As a heat-producer, a pound of fat is worth as much as 22 pounds of carbohydrates.

### DAIRY COWS HELP FERTILITY

Careful Attention Should Be Given to Live Stock to Maintain Productiveness of Farm.

(By JAMES WITHERCOMBE, Oregon Experiment Station)  
Dairying affords the quickest means of building up the farm, as there is practically no self exhaustion when butterfat constitutes the only dairy product sold.

A ton of butterfat, worth about \$700 at present market values, takes less than 50 per cent. of plant food from the farm, while a ton of wheat, oats, alfalfa, or clover hay, worth from \$15 to \$30, will take from the farm plant food worth about \$5 for each ton sold.

Therefore, if the farmer expects to maintain the productivity of his farm he should give careful attention to livestock, especially the dairy cows.

Good Milkers Spoiled.  
Many an otherwise splendid cow has been spoiled by a milkster who pulled and hauled her all over the stable every time he milked her. Put your heart into your milking and one to it that your heart is a good kind one.

### MAKE A FINE FRUIT PICKLE

Nothing to Improve on Peach Mangos Has Been Devised by the Expert Preservers.

Peach mangos are one of the most delicious of all fruit pickles. To prepare them select ripe, free-stone peaches and put them in brine, strong enough to float an egg, for 48 hours. Then soak them in clear, cold water for 20 minutes. Dry them and remove a small section from each peach. Do this with a sharp silver knife and bruise the flesh of the peach as little as possible in doing it.

Remove the pit through this hole. Sprinkle the cavity where the pit was with celery seed and fill it with freshly grated horseradish moistened with vinegar. Then replace the piece taken from the peach and sew it in place with strong cotton or linen thread. Stand the peaches in glass jars.

Count the fruit and for every sixty peaches boil a gallon of vinegar, a pound of brown sugar and a quarter of a teaspoonful of cayenne pepper. Pour this spiced vinegar, boiling hot, over the fruit in the jars. These should be standing in a kettle of boiling water, which has been brought to this point gradually.

When the fruit and juice are cold, tie them up or seal them. They will be ready to eat in ten days or two weeks, but, of course, they are better the longer they stand.

### MAKE THE DISHES DAINTY

Many Ways by Which the "Throw-Aways" May Be Used to Excellent Advantage.

We are so used to the term "left-over" that we can hardly realize that only a few years ago it did not exist. I would like to coin another word, the "throw-away," for those many bits that the unthinking housewife generally puts into the garbage can. Instead of cheerfully peeling the cucumber and serving it in unattractive slices, why not slice a long section from the side of the cucumber and scoop out the contents. This would easily make a cucumber "boat," and the pulp could be mixed with French dressing, chopped onion and topped with radishes. A little more time, but so much more attractive! The same can be done with a half or the top of the pineapple. Scoop out the contents of the half, or a small section, and fill with a gelatine jelly, a pineapple whip, or a salad of cream cheese. There would be almost no extra trouble, and it would be more than repaid by the added attractiveness of the dish. The green leaves of the cauliflower, if not faded, the tops of carrots and the peels of oranges, grapefruit and lemons, have some worth as containers, and instead of being "throw-aways" will add novelty and attractiveness to various dishes.—Exchange.

### Mock Olives.

Mock olives made of green plums are worth making. Get a quarter of a peck of them. Mix an ounce of mustard seed, two quarts of vinegar, two tablespoonfuls of salt and boil it. When it is boiling, pour it over the green plums, which should have been washed, sorted and laid out on a board or table to dry. Let the plums stand in the spiced vinegar until the next morning and then drain it off. Heat it and pour it over the plums again. Let them get cold and bottle and cork them.

### Honey Vinegar.

If you want some fine vinegar, pure in quality and very tasty, make it from honey. Add a pound and a half of strained honey to a gallon of water. Then keep it in a warm place for a few months and it will be ready. If it is not strong enough add more honey. Three pounds of honey to a gallon of water is a good proportion. While not suited for all purposes, in the making of salads and for ordinary table uses there is nothing that can be compared to honey vinegar.

### Sponge Pudding.

Scald one pint of milk over boiling water and add one-half cup butter. Add a smooth thickening of one cup of flour mixed with cold milk. Let it cool. When cold add the yolks of four eggs; have the whites beaten stiff, and stir in lightly. Bake an hour in a pan of water.

### When Ironing Linen.

Various substances are used to give linen a polish. A bit of wax or gum arabic added to the starch when boiling makes a reliable foundation for a good polish. A laundry polish can scarcely be obtained without the use of a polishing iron. The articles to be polished are first ironed in the ordinary way, then damped by laying on a wet cloth, then placed on a board and rubbed quickly with the polishing iron until they shine.

### Pear Chips.

Core, quarter and then cut in small pieces eight pounds of pears, add four pounds of sugar and one-quarter pound of Canton ginger and let stand over night. In the morning add four lemons cut in small pieces, rejecting seeds. Cook slowly three hours. Put in stone jar.

### To Clean Straw Hats.

With an old toothbrush rub peroxide of hydrogen well into the straw. Rinse the hat thoroughly with cold water and dry in the open.

## NINE. MERRI'S ADVICE

TWO CONTESTS FOR THANKSGIVING DAY FESTIVITIES.

Will Be Found Enjoyable in Passing the Hours After Dessert—Indian Meal for the Night of the Great Day.

After the dessert is served propound these questions. I am sure it will do us all good to freshen up a bit on these historical subjects.

1. Who would rather be right than president?
2. Who crossed the Delaware on Christmas night?
3. Who won the battle of Brandywine?
4. With whom did Massasoit dine?
5. Who saved Capt. John Smith's head?
6. To whom was Pocahontas wed?
7. Which first of Columbus' ships found land?
8. Who of the Chesapeake had command?
9. Who said, "I'll try, sir," at Lundy's Lane?
10. Who told us to "Remember the Maine"?
11. Who was it ran at Quebec's fall?
12. Where first was Jackson called Stonewall?
13. Who first saw the Mississippi roll?
14. Who discovered the north pole?

### No. 2.

1. In what coarse goods did the Pilgrims live for a time? Holland.

2. To what offense did they trust their lives? The Mayflower.

3. What broad letter did they travel on? C (sea).

4. What fowl was used in landing? Plymouth Rock.

5. What very bewildering thing did they find growing in the new soil? Maze (maize).

6. They numbered among their party two old-fashioned pen and ink cases. What were they? Standishes.

7. What long name did one of the Pilgrims have? Miles.

8. What famous book does the journey of the colonists suggest? "The Pilgrim's Progress."

9. Why should we think the first New England girls were bicyclists? A number of spinning wheels were seen.

10. What distant islands were the Indians to the colonists at first? Friendly.

The prize should be either a copy of "The Courtship of Miles Standish" or a picture of "Priscilla," plainly framed. Other prizes may be turkey and pumpkin bonbon boxes filled with corn-kernel candy.

### Indian Meal for Thanksgiving Night.

If anyone desires a novelty to which to ask the family of intimate friends on Thanksgiving night, try this: Issue your invitations on Indian post cards or birch bark paper, asking the guests to come to the "Indian meal." Serve the following menu and have a view for the table centerpiece, with birch bark canoes to hold salted peanuts or parched corn:

Cornmeal Mush or "Hasty Pudding" with Milk.  
Fish or Game.  
Succotash Bean Soup.  
Brown Bread or Indian Meal.  
Corn Bread (Johnny Cake).  
Indian Pudding.

If the guests will come in Indian costumes, so much the better. After supper have a head-straining contest; use the boxes of gay-colored ones that come for kindergarten use.

### LATEST IN LINGERIE.



Wash net is much made use of by the makers of lingerie. The combination underbodice and petticoat in the sketch, made of batiste, is edged with a net ruffle, and a narrow plaited frill of net heads the tucked flounce. Blue shoulder straps, a blue band of satin ribbon to hold the bodice frill of lace in place, and a band of blue ribbon, ending in a bow under the net frill, complete this slip.

### Skirts Are Gathered.

All smart skirts now are gathered at the back of the waist line and the plain, closely fitting skirt—at this point—is distinctly out of the running. Of course, the fullness is between the waist line and hip only, for below the hips the garment must cling closely to the figure.

### Popular Collar.

The beautiful Model collar has reached a high place in popular favor and is expected to retain widespread vogue this fall and winter.

## Our Name

has been before the public for 30 years, most of the time right on the spot where we are now located.

## Our Aim

constantly has been to sell the best goods in our lines, at the most reasonable prices. Our services are of the highest grade, our wares the best, and our equipment compares with the best of the larger cities. We endeavor constantly to increase our usefulness.

## Our Claim

On your patronage is based on a service the duration of an ordinary life time, and a square deal assured every one. The accumulated experience and knowledge of this third of a century are at your command.

**The J. L. ROARK Estate**

ORIEN L. ROARK, Manager

**FURNITURE  
FUNERAL**



**DEALERS  
DIRECTORS**

Established 1891 Distance Telephones: Store 22; Home 108

## A BETTER MATTRESS FOR LESS MONEY

Let us prove to you that the Stearns & Foster Windsor grade Mattress is superior to any \$15.00 mattress advertised in the magazines. You don't have to buy on faith. We'll show you the inside (an important side to know) of the very mattress you buy.

**STEARNS & FOSTER MATTRESS WINDSOR GRADE \$13.50**

A positive guarantee of money back if not satisfactory on 60 nights' trial. Come in today. We've got all the good things at very reasonable prices.

**The J. L. ROARK Estate**

## THE FIRST NATIONAL BANK

GREENVILLE, KENTUCKY

DIRECTORS—W. A. Wickliffe, W. G. Duggan, C. E. Martin, R. T. Martin, E. J. Puryear, C. M. Martin, J. C. Reynolds, Jr.

The standing and responsibility of the men who constitute our Board of Directors are guarantee of careful, judicious management.

When you want  
**ENGRAVED** VISITING CARDS  
WEDDING INVITATIONS  
STATIONERY

See  
**The Record**  
AGENTS FOR HARCOURT & CO. Louisville, Ky.  
MANUFACTURING ENGRAVERS  
Prices Quite as Reasonable as Consistent with Quality.

Ride with  
**The Greenville Transfer Co.**

They meet all trains day and night, with Bus and Baggage wagon.

**THE OLD RELIABLE**

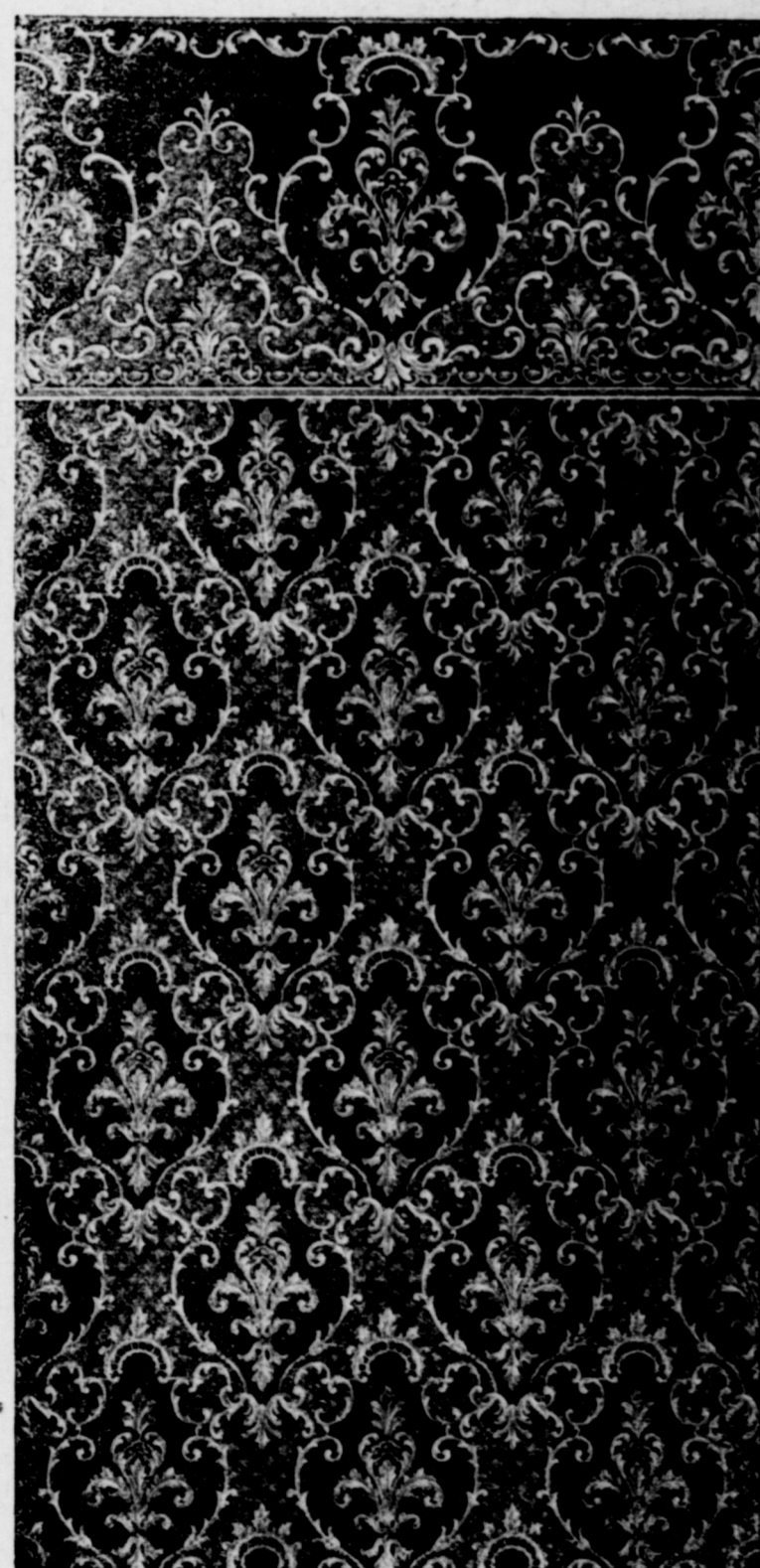
## CUMBERLAND TELEPHONE & TELEGRAPH CO.

(INCORPORATED)  
Long distance lines and telephones of this Company enable you to talk almost anywhere in Southern Indiana, Southern Illinois, Kentucky, Tennessee, Mississippi and Louisiana. We can put you in quick and satisfactory communication with the people of this great section of the country. We solicit your patronage. Rates reasonable. Equipments and facilities unsurpassed.

W. E. CALDWELL, L. L. HUME, T. D. WEBB

## JUST RECEIVED

Wany Patterns of 1913 Wallpapers



COME and SEE THEM

**J. L. ROARK ESTATE**